

California Regional Water Quality Control Board  
North Coast Region

ORDER NO. 77-10

WASTE DISCHARGE REQUIREMENTS

FOR

COUNTY OF SISKIYOU  
HAPPY CAMP LANDFILL

Siskiyou County

The California Regional Water Quality Control Board, North Coast Region, finds that:

1. The County of Siskiyou submitted a report of waste discharge for a municipal solid waste disposal site one mile southwest of Happy Camp in the NW 1/4 of Section 15, T16N, R7E, HB&M as shown on Attachments A and B incorporated herein and made part of this Order.
2. The County of Siskiyou (hereafter the discharger) proposes to lease forty acres of land owned by Mr. George M. Chambers, 105 Ashby Road, Central Valley, California 96019, for the entire active dumping period which is expected to be 20 years. The property is located on a ridge bordering the south side of Little Grider Creek, a tributary of the Klamath River. A topographic depression resulting from previous hydraulic mining constitutes the actual disposal area. When the depression is filled, final dimensions of the landfill will average 150 feet wide, 300 feet long, and 50 feet deep, with a total capacity of 85,000 cubic yards.
3. Surface soils in the vicinity consist of Quaternary river terrace deposits which appear to have a high red clay content. These soils are underlain by Pre-Silurian schists which dip northward. Bedrock outcroppings appear at various places in the bottom and sides of the depression, hence, surface soils are fairly shallow. Groundwater in the vicinity consists of shallow perched water above bedrock during winter and spring months as a result of uphill rainfall infiltration. The depression does not show signs of surfacing groundwater.
4. This disposal site meets criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II-2 disposal site suitable to receive Groups 2 and 3 wastes.

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5. On March 20, 1975, the Regional Board adopted the Water Quality Control Plan for the Klamath River Basin. As enumerated in that Plan, beneficial uses of the lower Klamath River include:
  - a. municipal and agricultural water supply
  - b. groundwater recharge
  - c. freshwater replenishment
  - d. navigation
  - e. water contact and nonwater contact recreation
  - f. commercial and sport fishing
  - g. warm and cold freshwater habitats
  - h. wildlife habitat
  - i. fish migration and spawning
6. The Board has notified the discharger, the landowner, and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.

THEREFORE, IT IS HEREBY ORDERED that the discharger shall comply with the following:

A. DISCHARGE SPECIFICATIONS

1. The treatment or disposal of waste shall not cause pollution or a nuisance as defined in Section 13050 of the California Water Code.
2. Waste materials shall not be disposed of outside of the designated disposal area shown on Attachment B.
3. Group 1 wastes shall not be deposited at this site.
4. The disposal area shall be protected from any washout or erosion of wastes or covering material, and from inundation which could occur as a result of floods having a predicted frequency of once in 100 years.
5. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources shall not contact or percolate through Group 2 wastes discharged at the site.
6. Liquids shall not be discharged in Group 2 solid wastes at this site. Water used during disposal site operations shall be limited to a minimal amount reasonably necessary for dust control purposes. Liquid wastes may be discharged to separate ponding or spreading areas only if the specific wastes, manner, and place of disposal area are approved by the Executive Officer.

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7. Annually, prior to October 1, all necessary runoff diversion channels shall be in place to prevent erosion or flooding of the site.
8. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
9. Group 2 wastes shall not be placed in ponded water from any source whatsoever.
10. No vertical excavations shall be made for the discharge of Group 2 wastes. Lateral excavations for purposes of earth cover material retrieval are excluded.
11. During the rainy season, only the active area of waste placement shall be left exposed to rainfall. The active area shall not be excessively large for daily waste placement operations.
12. There shall be no discharge of leachates to the Klamath River or its tributaries.

B. PROVISIONS

1. The discharger shall maintain a copy of this Order so as to be available at all times to site operating personnel.
2. The Board requires the discharger to file a report of waste discharge at least 120 days before making any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries, contours, or ownership of the disposal area.
3. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
4. The discharger shall file a written report within 90 days after the total quantity of wastes discharged at this site equals 75 percent of the reported capacity of the site. The report shall contain a schedule for studies, design, and other steps needed to provide additional capacity, or the total quantity discharged be limited to the reported capacity.

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5. The discharger shall permit the Regional Board:
  - a. entry upon premises in which an effluent source is located or in which any required records are kept;
  - b. access to copy any records required to be kept under terms and conditions of this Order;
  - c. inspection of monitoring equipment or records; and
  - d. sampling of any discharge.
6. In the event the discharger is unable to comply with any of the conditions of this Order due to:
  - a. breakdown of waste treatment equipment;
  - b. accidents caused by human error or negligence; or
  - c. other causes such as acts of nature,

the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

7. The discharger shall comply with the Contingency Planning and Notification Requirements Order No. 74-151 and the Monitoring and Reporting Program No. 77-10 and the General Provisions for Monitoring and Reporting and any modifications to these documents as specified by the Executive Officer. Such documents are attached to this Order and incorporated herein.
8. Ninety (90) days prior to discontinuing the use of this site for waste disposal, the discharger shall submit a technical report to the Board describing the methods and controls to be used to assure protection of the quality of surface and groundwaters of the area during final operations and with any proposed subsequent use of the land. This report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist. The method used to close the site and maintain protection of the quality of surface and groundwaters shall comply with waste discharge requirements established by the Regional Board.

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9. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.
10. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.

Certification

I, David C. Joseph, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, North Coast Region, on January 27, 1977.

ORIGINAL SIGNED BY

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David C. Joseph  
Executive Officer

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. 77-10

FOR

COUNTY OF SISKIYOU  
HAPPY CAMP LANDFILL

Siskiyou County

MONITORING

One monitoring well shall be established near the center of the depression at the extreme north end of the disposal site as shown on Attachment B. The well shall extend to bedrock and shall be backfilled with gravel. The top two feet shall be backfilled with compacted earth to preclude inflow of surface water drainage. Well casing shall consist of PVC pipe at least 4" in diameter, shall be perforated throughout the gravel backfilled length, shall extend at least one foot above ground surface, and shall be capped to preclude pollutants.

The following shall constitute the monitoring program:

1. Once per month, during static groundwater conditions prior to pumping the well for sample collection, the depth to groundwater shall be determined in the well.
2. Once per month, a grab sample shall be collected from the well as follows: Immediately prior to sampling the water, the water standing in the casing shall be pumped for 5 minutes or until evacuated. A grab sample shall then be taken from the inflowing water and analyzed for the following constituents:

<u>Constituents</u>	<u>Units</u>
Total Hardness (CaCO <sub>3</sub> )	mg/l
Total Iron	mg/l
Specific Conductance	micromhos/cm @ 25° C
Chloride	mg/l

REPORTING

Monthly monitoring reports shall be submitted to the Board for each month by the 15th day of the following month. In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements. During periods when the well is dry, the reports shall certify no discharge.

Monitoring and Reporting Program No. 77-10

In the event the discharger becomes aware of a violation of the conditions of the permit through the self-monitoring program or by other means, the Regional Board shall be notified of the condition as immediately as possible.

Ordered by

David C. Joseph  
Executive Officer

January 27, 1976

**ATTACHMENT A**

**HAPPY CAMP LANDFILL**

The map shows the Happy Camp area in California, with the landfill located near the center. Key features include:
 

- Topography:** Contour lines indicating elevation, with peaks like Cedar Mountain (3044 ft) and China Peak (2500 ft).
- Water Features:** Rivers such as the Klamath River and various creeks including Little Lost Creek, Lost Creek, and China Creek.
- Infrastructure:** Roads like Highway 101 and Highway 163, and the Happy Camp-Carleton Road.
- Landmarks:** Happy Camp, Carleton, and various ranches and mines.
- Annotations:** A north arrow in the lower left and the title 'ATTACHMENT A' in the upper right.